

CLAIMS

- 1. I claim.. A device used in Ophthalmology that sterilely delivers a cataract replacement lens from a clean room to the surgeon, where the Lens Furler and Ejector is at once, the delivery package; the curler or furler of the replacement lens that affords full visual inspection of the curling or furling as it occurs and the means of injection directly into the eye wherein the lens, from the clean room to the required position within the eye is never exposed to the atmosphere, thus precluding the possibility of contamination.**
- 2. I claim..A device that makes a precise tiny circular incision on the eyeball; enters and immobilizes the eye and macerates and sucks out the diseased lens.**
- 3. I claim.. An indexable device that, in conjunction with the Lens Furler and Ejector, optically locates and coordinates devices in claims 1 and 2 in juxtaposition to assist the surgeon to more successfully and more quickly, complete a lens transplant operation.**
- 4. I claim..The elements of a robotic machine comprised of the devices in claims 1, 2, and 3, that under supervision or remote control, could automatically perform a cataract transplant better, faster and with greater precision than could be done manually.**